



# LUMS

A Not-for-Profit University

Learning *Without* Borders

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# IMAGINE YOUR FUTURE



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## UNDERGRADUATE PROGRAMMES

FALL 2022

**EVERYTHING  
YOU CAN IMAGINE IS  
POSSIBLE**



# The University

Founded in 1985 as a not-for-profit, LUMS has always been a pioneer in setting education trends. Over the past three decades, it has evolved to become a leading university in the region that offers undergraduate, graduate and doctoral programmes through its five schools of Business, Humanities and Social Sciences, Science and Engineering, Law, and Education.

Just as the University has expanded to five Schools, the education model at LUMS has also progressed to enhance students' academic exposure and diversify faculty's teaching and research. Today, the expanse of research and teaching at the University truly offers its community 'Learning Without Borders'

by breaking academic, geographic and socio-economic barriers to make education accessible to all.

LUMS continues to be an intellectual hub, rich with varying perspectives and impactful ideas. With an environment brimming with inclusion, unity, and boundless knowledge, learning continues in and beyond the campus walls with the aim to develop innovators, leaders and change-makers who can contribute to the community and build strong borderless networks.

# An Exciting Academic Journey

Your time at LUMS is underpinned by a strong emphasis on values and your development as an individual.

We encourage you to explore the wide-range of transdisciplinary programmes at the five Schools, consider your options, and above all, get on the fast track to a genuinely world-class professional career.

As you study, you can engage in many rich and varied extracurricular activities, ranging from

athletics to writing to music. The University will offer you a whole range of clubs and societies to pick from in terms of sports, drama, debates and much more. We also urge you to see yourselves as part of the world beyond the campus gates, and to gear your learning towards serving others.



# Suleman Dawood School of Business



## BSc (Honours) Accounting and Finance

The Accounting and Finance (ACF) major will provide you with a solid foundation to continue to a professional qualification. It also serves as a valuable footing for careers in business and management, auditing, corporate accounting, management consultancy, government, and not-for-profit organisations. You can combine a variety of complementary courses according to your needs and interests.

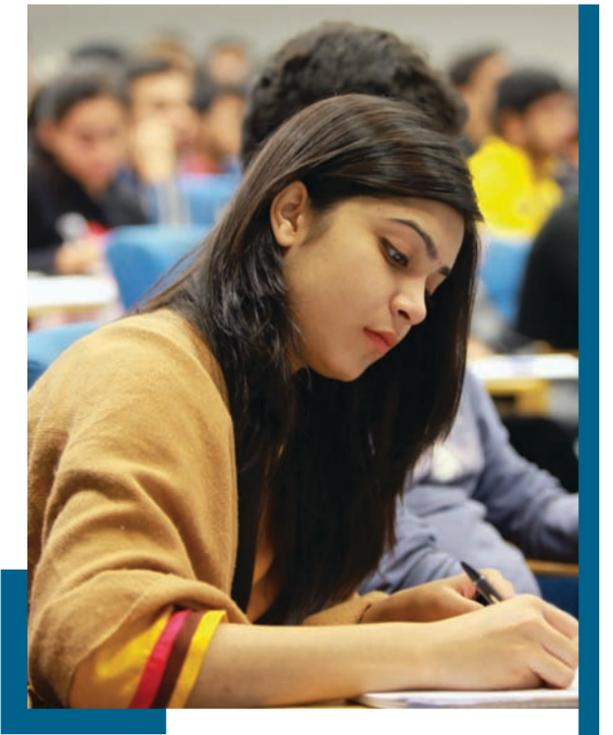
Following a specific track of courses will help you prepare for different professional certifications.

### Tracks

- BSc ACF graduates are exempt from the foundation level courses (F1-9) of the ACCA qualification. SDSB also has an MoU with ACCA, which offers you the opportunity to give your professional exams during your degree.
- LUMS is a specified degree awarding institution of the Institute of Chartered Accountants of Pakistan (ICAP). BSc ACF graduates are eligible for exemptions from the first two stages of the Chartered Accountant qualification awarded by ICAP.
- LUMS is a regional partner of the CFA programme, which partners with globally diverse, high profile institutions that cover at least 70 per cent of the CFA content and embrace the CFA Code of Ethics and Standards of Professional Conduct in their degree programmes. The University also awards 10 scholarships every year to ACF students who plan to appear for CFA exams in their senior year.
- The ACF degree provides you with the opportunity to prepare for the fellowship of the Society of Actuaries. In addition, you may also claim exemption from three papers of the US Society of Actuaries.

*Exemptions may have specific conditions attached, which students must meet, e.g., obtaining a*

*minimum grade in relevant courses. The Credits Claim option is available to students from the 2016 batch onwards and is subject to compliance/standard conditions of approval imposed from time to time.*



## BSc (Honours) Management Science

The BSc Management Science (MGS) major is designed to prepare you to use business analytic theories and methods to make significant contributions in solving managerial and technical problems. You will be trained in skills such as developing logical models, managing big volumes of data, and evaluating data to provide solutions across the business domain for managerial decision-making.

If you wish to advance in the business world and make a positive societal impact by developing your leadership skills and business knowledge, the Suleman Dawood School of Business (SDSB) is the place for you. SDSB is Pakistan's foremost business school with a reputation that is global and recognised through its accreditation by AACSB International—The Association to Advance Collegiate Schools of Business (AACSB).

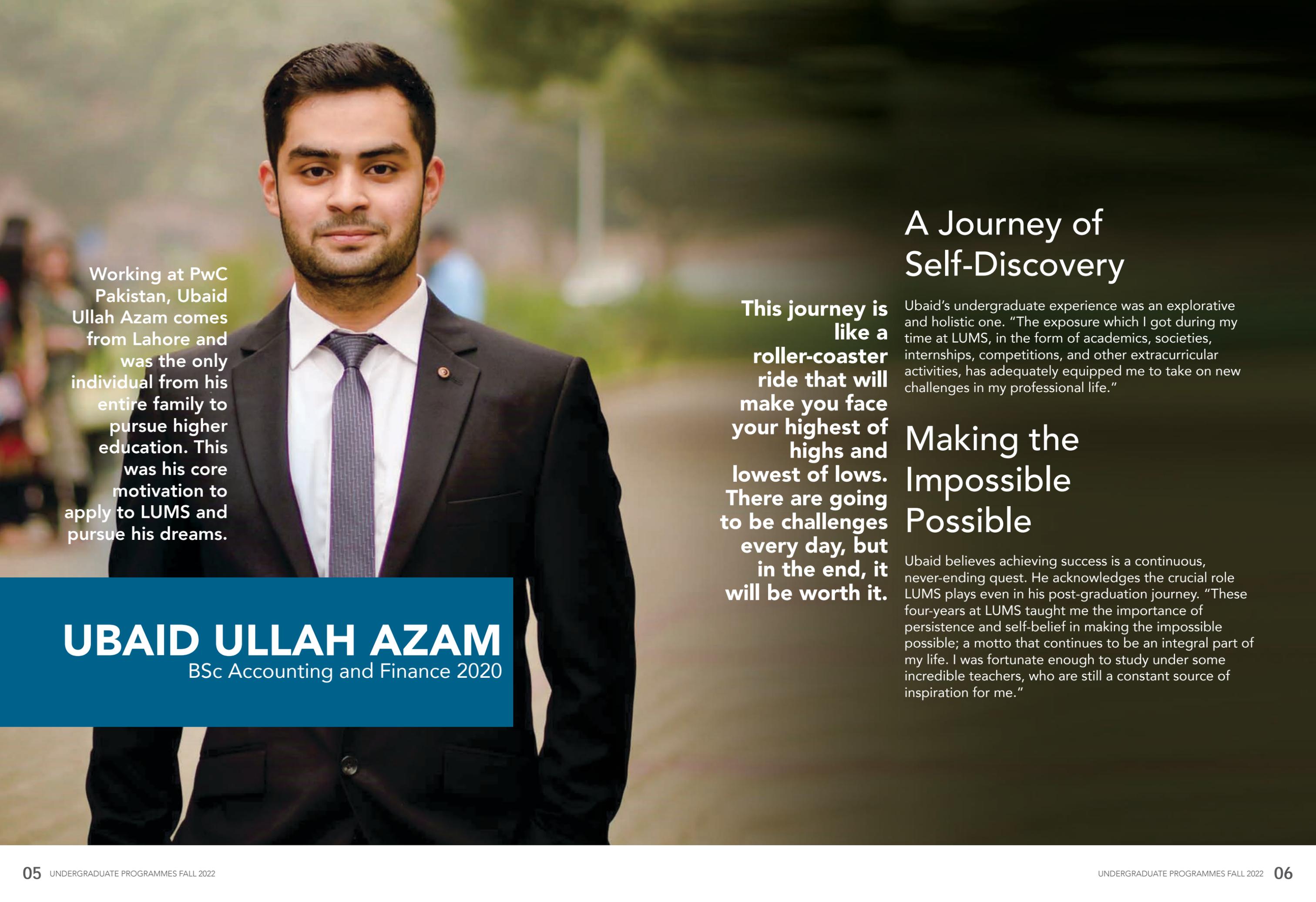
It is ranked by the QS Global Rankings 2021 as #1 in Pakistan in Business and Management Studies; its Accounting and Finance programme has a global ranking of 201-250 and its MBA is among the top 34 MBA programmes in Asia and top 201-250 in the world according to the QS Global MBA Rankings 2022.



## Learning Environment

SDSB continues to strive to provide the finest educational experience in business. More than 80 percent of the faculty at SDSB are PhDs from the world's leading universities, complemented by top executives from the industry. SDSB is a partner case study contributor to Harvard Business Publishing, a testament to leading-edge research from the School. Internships and student involvement across various sectors are also maintained, in addition to special sessions, in which students connect with

industry leaders. SDSB's research activities and investments in modern pedagogical tools ensure that the School excels in advancing business concepts and practice. It also continues to mobilise platforms for debate, policy discussions, and student engagements to positively advance business practices and social change.

A portrait of Ubaid Ullah Azam, a young man with dark hair and a beard, wearing a dark suit, white shirt, and patterned tie. He is standing outdoors with a blurred background of trees and people.

Working at PwC Pakistan, Ubaid Ullah Azam comes from Lahore and was the only individual from his entire family to pursue higher education. This was his core motivation to apply to LUMS and pursue his dreams.

## UBAID ULLAH AZAM

BSc Accounting and Finance 2020

## A Journey of Self-Discovery

Ubaid's undergraduate experience was an explorative and holistic one. "The exposure which I got during my time at LUMS, in the form of academics, societies, internships, competitions, and other extracurricular activities, has adequately equipped me to take on new challenges in my professional life."

**This journey is like a roller-coaster ride that will make you face your highest of highs and lowest of lows. There are going to be challenges every day, but in the end, it will be worth it.**

## Making the Impossible Possible

Ubaid believes achieving success is a continuous, never-ending quest. He acknowledges the crucial role LUMS plays even in his post-graduation journey. "These four-years at LUMS taught me the importance of persistence and self-belief in making the impossible possible; a motto that continues to be an integral part of my life. I was fortunate enough to study under some incredible teachers, who are still a constant source of inspiration for me."

# Mushtaq Ahmad Gurmani School of Humanities and Social Sciences



Welcome to the leading humanities and social sciences programme in the country with an established reputation of training graduates who have become trailblazers in understanding and shaping society. Since its founding as an independent School in 2012, the Mushtaq Ahmad Gurmani School of Humanities and Social Sciences (MGSHSS) has remained dedicated to the advancement of knowledge through excellence in teaching and research. It currently consists of two departments: Economics; and Humanities and Social Sciences. It also houses three Centre—the Mahbub Ul Haq Research Center, the Saida Waheed Gender Initiative, and the Gurmani Centre for Languages and Literature.

A community of world-class scholars, quality of research, and an outstanding curriculum—all combine to produce an undergraduate programme of the highest international standards. Each student that graduates from MGSHSS is intellectually engaged, and a socially responsible member of society who aspires to change the world through inspirational leadership and transformative community participation.

## The Core Curriculum

The modern world is beset with challenges that are multi-faceted—be it poverty, terrorism, pandemics, or climate change. To understand and address these issues requires a holistic understanding. In 2018, the School launched an innovative Core Curriculum to provide a broad foundation of knowledge to its students as they delved into works on politics, scientific reasoning, sociology, economics, culture, religion, art, literature, and aesthetics. Equipped

with a diverse set of transferable skills, students from MGSHSS are able to overcome challenges in a rapidly changing world, whether they have to work in the public sector, the private sector, for non-governmental organisations, or in academia.

## Majors at MGSHSS

### BSc (Honours) Anthropology and Sociology

The Anthropology and Sociology major ensures that students get a strong foundation in the discipline while having the freedom to explore more specialised interests both inside and outside the classroom. These specialised interests reflect the expertise of the faculty, which ranges from the study of gender, religion, sports, art, kinship, education, and food, to the study of cities, development, and globalisation, in regions ranging from the Americas to South Asia and beyond. With the whole of human society as its field of interest, there are few disciplines that can rival the diversity of sociology and anthropology. There are also a few disciplines that can remind people that despite our overt differences, we are all bound together by our humanity.

### BSc (Honours) Economics

The Department of Economics seeks to contribute to questions at the frontier of economic knowledge by drawing on the regional laboratory of economic and social life in South Asia and by collaborating with academics from global centres of excellence in economic research. The Economics major offers a wide variety of courses, including Macroeconomics, Microeconomics, Econometrics, Development, Trade, and Finance, which are geared towards both mainstream and heterodox theory and empirical evidence. These courses ensure that a broad base of perspectives, new ideas, and applications are presented to students, and equips them with analytical and quantitative skills that are widely applicable across many professional disciplines.

### BSc (Honours) Economics and Mathematics

This joint major provides a strong base to those students who intend to pursue further studies at the graduate level in the field of Economics. Students seeking admission to a graduate programme have a higher chance of getting admitted to top ranked schools if they have taken mathematics courses like calculus, real analysis, and linear algebra during their undergraduate studies.



### BA (Honours) English

The English programme offers a range of courses on Greek, British, American, and world Anglophone literature with an aim to train students in methods of contextual reading, critical analysis, and writing. Students receive grounding in canonical texts such as those by Aeschylus, Sophocles, William Shakespeare, Charles Dickens, and George Eliot; are immersed in modernist works by James Joyce, George Orwell, Virginia Woolf, Harold Pinter, and Thomas Stearns Eliot; and become well-versed in global writing by reading Chinua Achebe, Chimamanda Ngozi Adichie, Gabriel Garcia Marquez, Toni Morrison, Maxine Hong Kingston, Naguib Mahfouz, Amitav Ghosh, and Margaret Atwood. Students are asked not just to grapple with the range of meanings and moments present in poetry, novels, plays, films, young adult fiction, creative writing, and popular culture, but also to produce compelling writing of their own. The programme uses literary and visual discourse to address issues of power, positionality, ethics, and agency in the contemporary world.

## BA (Honours) History

The history major offers courses on Asian history, European history, Art and Architecture of South Asia, and the intellectual history of the Islamic world. The purpose of the programme is to impart rigorous training to students in the art of reading various kinds of texts—whether poetry, miniature, archival document, or built environment—as sources of history and to analyse them for an understanding of the complexities of the past. As part of the training, we introduce our students to an in-depth study of theoretical debates in contemporary historiography, such as subaltern studies, postcolonial theory, Marxism, and decoloniality. The History courses draw upon scholarly influences from law, literature, religion, and anthropology to offer a degree programme in humanities that is truly multidimensional, broad-ranged, and transdisciplinary.

## BSc (Honours) Political Science

The Political Science major covers the theory and practice of government and politics at the local, state, national, and international levels. The major is dedicated to developing understandings of institutions, practices, and relations that constitute public life and modes of inquiry that promote citizenship. It offers students a uniquely stimulating environment for the study of major fields of politics and is led by prominent experts in their respective fields.

## BSc (Honours) Politics and Economics

This is an interdisciplinary programme taught by the Economics and Political Science faculties, wherein students investigate the distribution of resources through the interplay of economy, polity, and society across a number of different levels from the local level to the global system and its institutions. The joint major equips students with a range of methodological techniques, lending to multiple ways of solving problems and exploring issues in public policy.

Blur Image



## Minors at MGSHSS

### Comparative Literary and Cultural Studies (CLCS)

CLCS currently offers a minor to students interested in Comparative Literature, Creative Writing, and Film and Screen Studies. The courses span languages and media while being deeply attentive to European and colonial histories of modernity that so often inform the cultural contexts of postcolonial societies. Students pursuing the minor can further concentrate in one of the following tracks: comparative literature, screen studies, creative writing/visual production, or Persio-Urdu literary studies.



## Gender and Sexuality Studies (GSS)

GSS includes a combination of foundational courses and electives with an interdisciplinary academic programme focusing on gender and sexuality. The programme's core curriculum will build upon feminist scholarship, incorporating interdisciplinary agendas, intellectual debates, changing methodological practices, and major scholarly shifts that inform the field. As a programme committed to critical thinking and social analysis, the GSS minor will introduce students not only to the complex histories, cultures, political activities, and expressions of gender and sexuality, but will also raise questions about larger social and institutional formations. This minor is designed to move students beyond simple binary descriptions and contemporary, popularised accounts of gender. Instead, gender is analysed in the full complexity of its construction over time and using a variety of disciplinary lenses.

## Philosophy

The Philosophy programme provides a wide range of courses that cover major areas of Philosophy. In addition to courses at the introductory level, the programme offers courses in Applied Ethics, Ethical Theory, Logic and Philosophy of Language, Epistemology and Metaphysics, Political Philosophy, and the History of Philosophy. The minor in Philosophy helps interested students engage with the questions that have attracted the attention of great minds in the history of human thought as well as with some of the pressing issues facing humanity at present. Completing a minor in Philosophy will be helpful to students who are interested in doing graduate studies in Philosophy and Humanities as well as in a range of other graduate programmes including Law.

## Study of Religion

This minor in the study of religion allows students to see how religion shapes communities and individuals and, in turn, is shaped by social reality. The programme also provides students with tools to thoughtfully examine discussions and debates involving religion in academic and everyday settings. The faculty's courses include various religious traditions and span anthropological, textual, philosophical, and historical approaches to the study of religion.



## Advising and Counselling

MGSHSS currently has a three-tier advising system that includes Peer Advising Leaders consisting of senior students who assist in the transition of first years into LUMS; and academic advisers who are staff members that provide wide ranging support from ensuring that degree requirements are being followed to linking students to relevant academic campus services. Lastly, engagement with Faculty Advisors is also mandatory for students. Faculty help students identify educational goals in light of their individual intellectual passions and are often a first point of reference if any academic problems occur. Additionally, the School is in the process of adding stronger life skills and counselling to its academic advising programme.



Saba Karim Khan currently works at New York University, Abu Dhabi, in the Social Sciences Division. At her core, she is a storyteller—she writes novels, makes doc-films and contributes to various eminent journalistic publications. Her debut novel, *Skyfall*, was recently released by Bloomsbury and her documentary film, 'Concrete Dreams: Some Roads Lead Home', has been selected and won awards at festivals in Paris, Berlin, Toronto, USA and India.

## **SABA KARIM KHAN**

BSc Social Sciences 2006

## A Land of Possibilities and Life-long Connections

Saba explains that she was drawn to LUMS because of the numerous possibilities that it sparks. "LUMS offers a cutting-edge liberal arts education; courses that compel you not to settle for superficial reasoning, to complicate beliefs, ask more questions than seek answers." She also commends the stellar faculty line-up, who remain mentors even long after graduation. "Essentially, the University is a treasure trove of imaginative, intellectual and human connections."

**LUMS unlocked my mind; it gave me wings, propelled me to ask myself – what will be my contribution, how might I shift the fabric of society with my work?**

## Everyone Has a Song of Their Own

She describes her LUMS journey as a rite-of-passage, a time of discovering her personal, political, and creative identities. She credits LUMS for helping her realise her dream—her 'song'. "A song can be different things for different people; my years at LUMS unlocked my mind, propelled me to discover mine: storytelling."

# Syed Babar Ali School of Science and Engineering

The Syed Babar Ali School of Science and Engineering (SBASSE), modelled along the lines of the world's top research schools, follows a 'no boundaries' philosophy and encourages students to indulge in cross-disciplinary collaborations across disciplines and other Schools at LUMS. Here you will be trained as a professional who is knowledgeable, tech-savvy in your respective areas of expertise, and ready to take up grand challenges that our world and region confronts.



## Learning Environment

All students at SBASSE are involved in the quest to probe into some of the deepest and most pertinent issues and questions facing humanity—from the structure of matter to problems of water, energy, environment, sustainability and healthcare. The School's undergraduate programmes are designed to introduce a creative and dynamic research perspective to the student learning experience. The experiments conducted in the teaching labs have been adopted by many universities across Pakistan. SBASSE continues to emphasise the importance of well-equipped experimental labs and an active

learning environment as an integral part of a multidisciplinary science education. If one were to characterise undergraduate education at SBASSE, it would be "research-enriched education."

Some of the labs at SBASSE include: Computer Vision Lab, Robotics and Intelligent Computing Research Group, National Centre in Big Data and Cloud Computing, LUMS Energy Institute, Centre for Advanced Studies in Mathematics, High Performance Computing, Central Lab and PhysLab.

## BS Physics

Physics is one of the most fundamental sciences, building upon the tradition of thousands of years of human inquiry based on observation, mathematical reasoning, and a sense of inventiveness. The Physics Department has a strong research culture in both theoretical and experimental aspects. Our faculty works on topics such as Physics beyond the Standard Model, Cosmology, Quantum Gravity,

Quantum Systems, Quantum Optics, Quantum Metrology, Spin Physics, Spintronics, Optical Physics, Photonics, Condensed Matter Physics, Nanoscience and Computational Physics. The degree prepares students for higher education and careers in industry, the academia, and research organisations.



## BS Biology

The Biology Department imparts cutting edge knowledge of life sciences in 21<sup>st</sup> century theoretical and experimental aspects. Recent advances in the discipline have led to the emergence of new areas of investigation such as Molecular Biology, Cell and Developmental Biology, Computational Biology, Mathematical Modelling of Biological Processes and Diseases, Biophysics and Systems Biology. Two streams are offered in the Biology programme:

- Molecular and Cellular Biology
- Biophysics and Computational Biology

## BS Chemistry

The Chemistry programme is set to contribute in understanding, manipulating, and controlling complex systems at various levels. These include revealing the molecular level understanding of life at cellular and subcellular levels for engineering better medicine, and developing technologies for managing megacities in a sustainable manner. Chemistry is at the forefront of the development of affordable renewable energy technologies as well as efficient energy storage technologies. The programme is designed to give students a grasp of the key principles of chemical sciences which will enable them to develop skills that are necessary for effectively contributing to future inventions.



## BS Chemical Engineering

The Chemical Engineering programme is designed to develop strong synthetic and analytical skills for solving complex real-world problems using general principles of chemical engineering. The training begins with the development of strong fundamental knowledge in natural sciences which leads to core expertise in engineering thermodynamics, transport processes, and chemical kinetics. This creates a unique combination of problem-solving skills at the molecular, process and system levels. Chemical engineers propose innovative solutions to important industrial and societal problems. Chemical Engineering graduates are thus well-prepared for a rewarding career in a diverse array of industrial and academic fields.

## BS Electrical Engineering

The curriculum of the Electrical Engineering programme has been designed keeping in mind local requirements as well as curriculum taught in leading international institutions. Students will be provided rigorous training to appreciate diverse

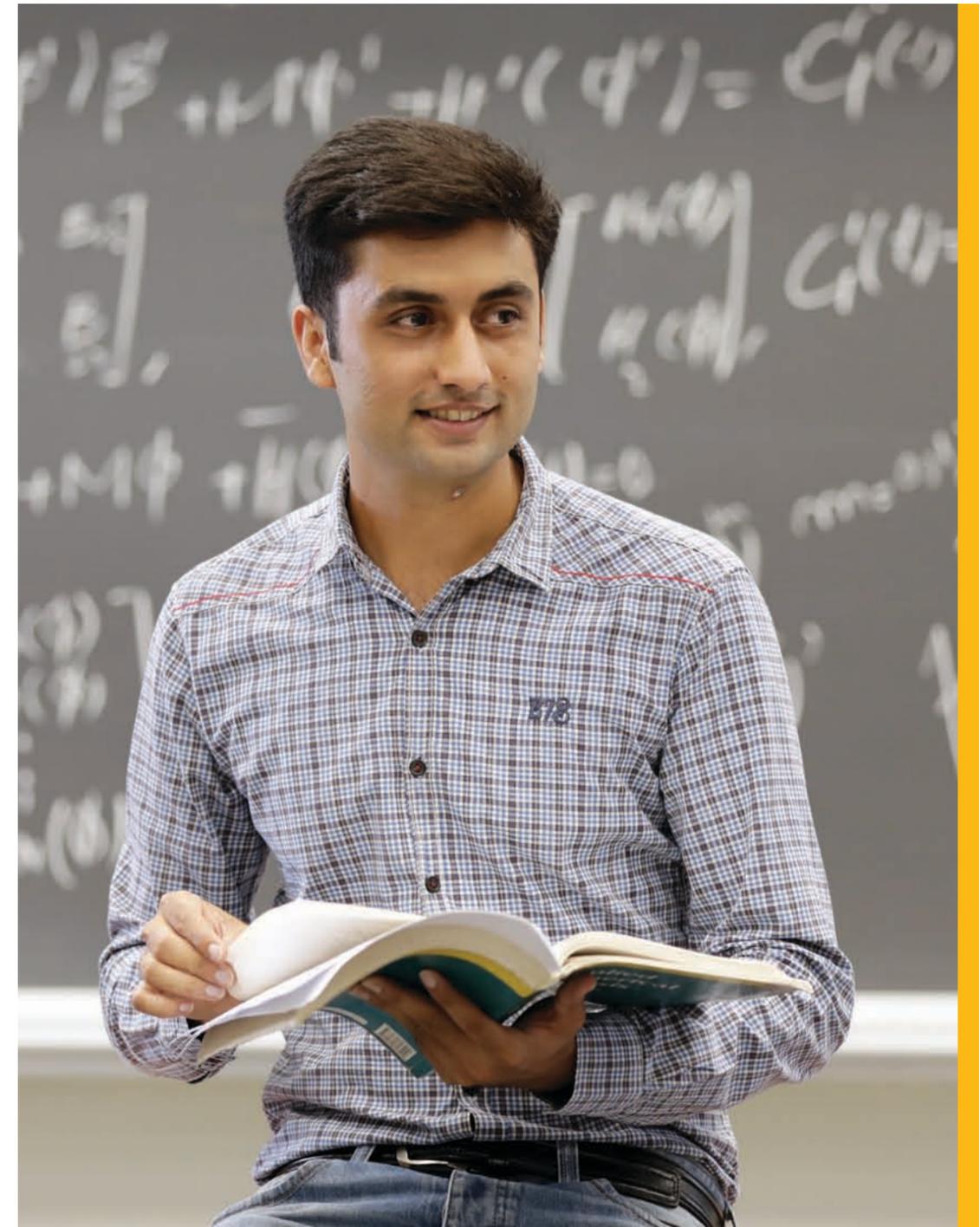
fields from energy and power systems, to IT systems processing and communicating information. The programme is based on the theme of 'life data and sustainability' and employs modern algorithms, tools, data and devices to solve challenges facing society.

## BS Computer Science

The Computer Science major deals with the fundamental nature of computation, what can and cannot be computed, and how efficiently a computation can be accomplished by a machine. You will study computer architecture and theory of computation, how to make machines think, and how to build computers that can see. The programme will also teach you how to design software that works seamlessly, how to model complex problems, how to build networked systems, and how to prevent such systems from failures and attacks. The programme prepares students for careers in artificial intelligence, data science, internet-of-things techniques and machine learning.

## BS Mathematics

The mathematics major explores form, structure, and pattern. It covers core areas of applied and pure mathematics. Within pure mathematics, faculty have specialties in algebraic geometry, analysis, and operator theory. With applied mathematics, there is an emphasis on scientific computation, mathematical biology, quantitative finance, and symmetries.



## BS Economics and Mathematics

The joint major provides a strong base to students who intend to pursue graduate study in the field of economics. Students also seeking admission to graduate programmes in fintech, mathematical finance or financial engineering, have a greater chance of being admitted to top ranked schools if they have a strong math background. Those who opt for this joint major will complete the School's core requirements as well as core courses from both the Mathematics and Economics departments; they will be awarded a SBASSE degree.

After her graduation from LUMS, Azka Arshad scored fully funded PhD scholarships from various prestigious institutions in the US. Currently, she is preparing to join the PhD programme in Chemistry at North Carolina University.

**AZKA ARSHAD**  
BS Chemistry 2021

THIN  
EXTRA

**The training and skill-set that I built during my undergraduate degree at LUMS has enabled me to not only become a well-rounded Chemist and researcher, but also a balanced individual.**

## A Home Away from Home

Azka had always known she wanted to pursue research, and found herself strongly resonating with the mission statement of the Syed Babar Ali School of Science and Engineering at LUMS. During her degree, she took courses that increased her knowledge base, and also enticed the creativity within her. "But most importantly, the Department of Chemistry and Chemical Engineering felt like home, and I think that speaks volumes."

## A Little Bit of Magic!

During the time Azka joined LUMS, she was going through an immensely difficult phase. Battling anxiety, depression and deteriorating physical health, she would often end up missing exams. But then, as Azka says, the "magic" happened. She quickly found a support system; her advisors, her peers, all helped her get back on her feet. "Before I knew it, I found people who believed in me. They have indebted me for life."

# Shaikh Ahmad Hassan School of Law

If you wish to combine the richness of a liberal arts education with a solid professional training in law, the Shaikh Ahmad Hassan School of Law (SAHSOL) is the place for you. The School offers a five-year BA-LL.B (Honours) degree, fully recognised by the Pakistan Bar Council and the Higher Education Commission (HEC) as a qualifying law degree.

LUMS has been offering the BA-LL.B since 2003 and provides a world-class legal education with a primary focus on Pakistani law.



## Learning Environment

The Law School offers a diverse and innovative learning environment. Students are taught critical thinking by employing the Socratic Method, an interactive mode of teaching, where instructors keep you engaged in lively and dynamic classroom discussions.

Students are given plenty of opportunities to undertake legal internships, contribute to the LUMS Law Journal, participate in national and international moot court competitions, assist with faculty research, undertake pro bono work, and study clinical courses. As part of the Street Law Programme, students can opt to conduct weekly hour-long interactive sessions with local high school students from lower income backgrounds, to impart knowledge of the workings of law and legality in Pakistan.

The latest addition to the School is the Centre for Chinese Legal Studies. Set up in collaboration with Wuhan University, China, it serves as a hub for research in, and the promotion and teaching of, Chinese legal studies in Pakistan.

## BA-LL.B

If you are seeking a challenging, rigorous, interdisciplinary exposure to law and related disciplines, the BA-LL.B programme is designed for you. Whilst the focal point of the programme is the Pakistani legal system, the teaching methodology encompasses a critical, comparative approach in order to promote a deeper understanding of the law. The ambit of study and analysis is not just laws as they exist and operate, but also how policy impacts laws, and how law, policy and society interact.

### The BA Phase

This two-year BA phase aims to assist you in developing the knowledge and skills – verbal, written, and analytical – necessary to succeed in the LL.B, where you will be expected to absorb and process large amounts of complex material. During this time, you will select and study a range of relevant subjects from different disciplines, such as Economics, Political Science, Psychology, Anthropology, Sociology and Science.

### The LL.B Phase

The three-year LL.B phase consists of approximately 15 core law courses as prescribed by the Pakistan Bar Council, supplemented by a wide-range of exciting and relevant topical elective courses in the specialist areas of law. Although elective courses vary from year to year, the Law School now offers a wider range of electives than ever before, including Tax Law, Law and Economics, Intellectual Property Law, Competition Law and Antitrust, Law and Literature, International Finance Law, and Law and Practice of International Commercial Arbitration. A number of legal practice courses, such as Advocacy, Drafting, and Opinion Writing, will prepare you on the fundamentals of working as a lawyer in Pakistan and abroad.



BA-LL.B students also have the opportunity to augment their LL.B with a minor in one of the following disciplines\*:

- Anthropology/Sociology
- Public Management
- Psychology
- Biology
- Physics
- Philosophy
- Mathematics
- History
- Chemistry
- Computer Science
- Economics
- Literature in English
- Study of Religion
- Political Science

\* Enrolment in particular courses is subject to availability of space.



Omar has worked as Deputy Team Lead (Punjab) at the Justice System Support Programme, and is currently on assignment with the United Nations Office on Drugs and Crime for a similar criminal justice reform programme in Balochistan. He plans to join the University of Sussex for a post-graduate degree in Governance, Development and Public Policy.

## OMAR BASHIR MANIAR

BA-LL.B 2008

**Within the classroom, I had the opportunity to experience a wide range of subjects and ideas. Outside of the classroom, I made life-long connections, became politically aware, and learnt the importance of hard work. These great five years helped me figure out who I wanted to be.**

### A Transformative Experience

Omar applied to LUMS for a number of reasons, such as its excellent academic reputation, its holistic approach and its robust alumni network. "I had originally intended to study Computer Science, and LUMS was (and still is) globally recognised in that discipline. The fact that I graduated with a degree in Law is a testament to the University's no borders approach."

### The Recipe to Success

Omar credits LUMS for the many successes he achieved in his life. "LUMS not only helped me secure a great job in regulatory affairs, but also equipped me with the skills to navigate the various roles I've had—be it as a legal practitioner, a team leader, advisor to government departments, or as a dairy farmer in the cattle colony in Karachi."

# Syed Ahsan Ali and Syed Maratib Ali School of Education



The Syed Ahsan Ali and Syed Maratib Ali School of Education (SOE), the fifth school at LUMS, continues the University's tradition of academic excellence and world-class facilities. It offers an Undergraduate Minor in Education, and another in Policy, Politics and Governance. At the graduate level, there is an MPhil in Education Leadership and Management (ELM) and a weekend based Executive MPhil in Education, Leadership and Management. The School aims to produce a new class of leaders as educators, entrepreneurs, policymakers, researchers and reflective practitioners, equipped with the ability to give strategic direction to the fast expanding education sector.

## Learning Environment

SOE fosters an inclusive learning environment that focuses on developing a critical understanding of new and old education practices and ideas.

### Challenging Curriculum

The School curriculum consists of rigorous academic coursework with in-depth practical training designed to produce education leaders who are strongly rooted in research, policy and practical thinking.

## Distinguished Faculty

The SOE faculty members are highly accomplished, hailing from top international universities including Harvard, Cambridge, McGill, KDI School of Public Policy and Management, Pennsylvania State University, and Columbia.

## Strong Partnerships

The Teaching and Learning Initiative (TLI) is a central component of SOE for facilitating students to access practitioners in the education sector. TLI is envisioned as a vibrant platform for creating meaningful engagements through fieldwork and hands-on learning. Through such partnerships, SOE will also create job opportunities for its graduates.

## Collaborative Environment

Group discussions and teamwork are an essential part of the SOE ethos, fostering a collaborative approach among students.

## Minor in Education

Since the launch of the School in 2017, SOE has built its undergraduate portfolio by regularly offering courses targeting the undergraduate student body. This has culminated into the launch of SOE's first undergraduate programme: a Minor in Education. The interdisciplinary minor is intended for all undergraduate students at LUMS; students who are keen to diversify their undergraduate learning have the opportunity to engage with education discourse and broaden their understanding of issues such as education and social justice, teaching and learning, education policy and practice, education technology, the role of education in conflict settings, etc.

Situated at the nexus of research, policy and practice, the innovative curriculum provides a substantial introduction to education through coursework that integrates academic and field-based learning. From a disciplinary perspective, the course content draws upon various economic, political, social, cultural, and philosophical contexts to understand foundational issues of education such as equity, reform, diversity, accountability, policy and advocacy.

The core requirements of the minor include courses on the philosophy of education and an introduction to critical debates in the field such as those surrounding issues of access and equity in education. Among the goals of the minor is to allow undergraduates to develop an understanding of the core issues facing educators and policymakers in national and international contexts, and to enable them to analyse and propose solutions to the intricate challenges of education policy and practice, especially by making connections with their major programme of study. Given that there is significant interest among the student body to explore professional opportunities in the education sector, the minor programme will facilitate real time engagement with educational challenges via the School's existing network of partner organisations.

## Minor in Policy, Politics and Governance

An undergraduate minor stream in Education with a focus on Policy, Politics and Governance provides students with an understanding of education policy, political processes and power dynamics through which different actors mediate outputs and outcomes of policy and the construction and role of governance structures in affecting policy

implementation. In future, SOE also plans to add more streams with different focus areas such as teaching and learning, and inclusion. The aim is to introduce the undergraduate student body to education concepts that are essential to the learning process and to help them grow intellectually as students and individuals.



## Our Placements

By providing an immersive, practical as well as theoretical education, the undergraduate programmes at LUMS prepare students for a successful journey in the professional world. A majority of undergraduates go on to pursue lucrative careers while others opt for higher studies at prestigious institutions.

Graduates of the Business School pursue professional qualifications for careers in business and management, including consultancy, banking and finance, auditing, marketing, research, business development and financial advising in sectors such as health, telecom, energy, transport service providers, and government owned organisations.

A LUMS Humanities and Social Sciences degree allows graduates to pursue careers in academia, teaching, journalism, and advertising, as well as fields such as social media, electronic media and telecom. Previous graduates have impacted the entrepreneurial sector, diplomacy and international relations, bureaucracy and heritage management.

Apart from academic research and higher education, graduates of Science and Engineering pursue careers in a number of different industries such as IT, education, engineering, consultancy, development, e-commerce, energy and power, FMCGs, banking and finance, telecom, textiles and pharmaceuticals.

The University's Law graduates are in high demand in the legal profession and go on to have successful careers in a range of job sectors; as lawyers in private practice and as advocates in the High Courts, in academia, NGOs, financial institutions, the Civil Service, as well as regulatory, research and policymaking bodies in Pakistan and abroad.

Courses in Education can present a variety of career options in not only the education sector but in other fields as well. Graduates have the option of working as analysts, administrators, entrepreneurs, policymakers, EdTech experts, educators, among various others.



## Exchange Programmes

To enrich students' academic journey, LUMS encourages them to explore global opportunities through exchange programmes with international universities around the world. These institutional linkages allow students to experience the distinct difference in work cultures across multiple geographies, helping them understand the skills required to adapt to new environments. Through our international partnerships, students have the opportunity to take a semester abroad, at any of LUMS' partner institutions, to build upon and explore a foreign country and a new culture. With the many opportunities to study abroad, an extraordinary life changing experience awaits.



## Alumni Network

From your first day as a LUMS student, you have access to one of the most supportive and powerful professional networks: the LUMS Alumni Network. This 15,000+ member body is actively connected and continues to contribute to private and public sectors in diverse industries around the globe. Eight local and nineteen international alumni chapters and their integrated online communities also help them stay in touch with their alma mater. They play a powerful role in the growth and progress of the University through events, outreach, mentorship, funding and job placements.



# An Exceptional Campus Life

## Living on Campus

With everything close by, the LUMS campus provides access to all primary facilities and other social amenities. From separate male and female dorms to diverse food outlets, from a state-of-the-art swimming pool to excellent sports facilities, ATMs, a superstore, emergency medical services, first class gyms to library facilities, LUMS offers a complete ecosystem to all community members.



## Staying Fit

At LUMS, we believe that an active and healthy body is as vital as a brilliant mind. To make sure that you stay healthy and active, the University has the finest sports facilities for you. The pride and joy of the LUMS Community, the Syed Maratib Ali Sports Complex, houses the most modern male and female gymnasiums, four squash courts, an indoor basketball court, four badminton courts, and an indoor volleyball court. We also provide you with outdoor sports facilities, which



include a volleyball court, a basketball court, two tennis courts, a football ground, hockey ground and a cricket field.

The LUMS Coca-Cola Aquatic Centre, an international standard indoor swimming pool built in line with FINA specifications (25 metres length), is operational throughout the year and is certified for national and international competitions.

## Dining

At LUMS, there are many on-campus dining choices for students. The Pepsi Dining Centre offers a diverse variety of meals and snacks at affordable prices but if you are up for something different, the University also offers other places to dine and unwind. These include the Baradari Cafe, Green Olive Cafe, Jammin Java, Subway, Zakir Tikka, Juice Zone, The Bunker and Chop Chop

## Radio LUMS

Radio LUMS, the University's first official radio station, is an incessant source of engaging debates, latest information, compelling melodies, and learning opportunities for the LUMS community. The holistic platform aims to connect the community by bridging differences, encouraging dialogue, and serving as a safe space for students to express themselves—all while providing entertainment of the highest quality!

## Study and Research

The Gad and Birgit Rausing Library at LUMS serves as a centre for information and knowledge for the faculty, researchers and students with its wide range of collections, helpful staff, high-quality infrastructure and online services. Dedicated library corners provide access to the latest devices such as Kindles, scanners, printers and multimedia where you can study in a group, discuss or prepare presentations, develop your research and work on your projects.



## Blended Learning

Multichannel methods of learning are practiced at LUMS, which incorporate faculty-led activities, audio visual aids, digital tasks and face-to-face discussions and offer the best of classroom and online learning, together. Each student has a range of different strengths and requirements, and a blended learning approach allows faculty to use tools from both traditional and digital spheres. This enables faculty to present information in a range of different ways designed to suit the varying learning styles of their students.

As you begin your journey at the University you will experience the blended learning model with the hallmark LUMS 'brick and mortar' classroom sessions by dedicated faculty members, and also gain wider exposure with more flexibility to customise your learning experience through multiple digital platforms. Digital learning elements will be open to self-pacing by each individual student and can usually be logged in to at any time and any place.

## Pedagogical Partnerships

The Pedagogical Partnership Programme offered at LUMS is the first of its kind in South Asia, which aims to establish meaningful partnerships between students and staff/faculty providing students with opportunities to work on a range of teaching and learning projects such as designing courses, offering feedback on teaching, engaging in research and working directly with service units on campus. The programme also provides compensation for students to work as members of project teams with faculty and/or staff.

To date, the programme has supported 25 pedagogical partnerships with more than 38 student partners and 27 faculty/staff partners.

# Support System

## How LUMS Keeps You Safe

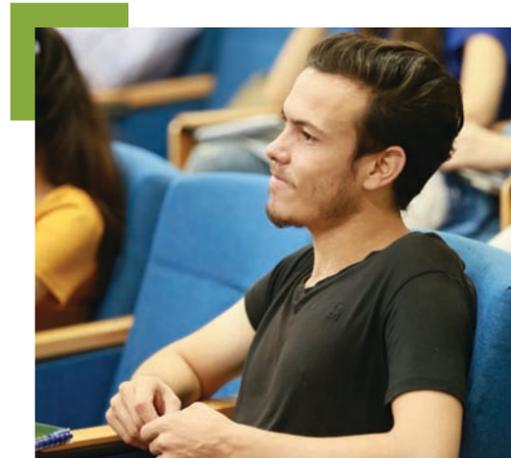
LUMS has its own extensive security system in place for the safety and security of its community. It provides a range of security services to ensure that everyone is safe at all times. These include a 24-hour security system, armed security personnel and a 24/7 Control and Surveillance Room.

## Student Counselling

To provide students with a smooth transition into the fast-paced university life and to make their four years less stressful, LUMS has established a Counselling and Psychological Services department. This facility is dedicated to helping students flourish in their academic journey and aims to increase and promote student mental health and well-being through a wide range of services.

## Accessibility and Inclusion

The Office of Accessibility and Inclusion ensures a safe campus environment for the University's diverse body of students, staff and faculty. It encourages all community members to engage in meaningful dialogue, and own the campus as theirs, irrespective of religion, ethnicity, learning ability, physical ability, gender or orientation.



## Health and Wellness

The Health and Wellness Centre at LUMS is active 24 hours a day, 7 days a week and caters to all first aid medical situations on campus. The facility comprises of a doctor and two staff members, beds for patients, basic emergency equipment, basic medicines and an active ambulance service.

The Emergency Medical Service (EMS) is a one of its kind facility, run by students, for the health and welfare of the student body. The service provides free, 24-hour, pre-hospital treatment to a list of emergencies from small bruises to multiple fractures. The aim of EMS is to work tirelessly and relentlessly to ensure that no medical emergency goes unattended on campus.

Furthermore, LUMS has taken several steps to protect its community against COVID-19. In addition to establishing strict SOPs that include mandatory vaccinations, face masks, social distancing and hand hygiene, the University has created quarantine facilities in the male and female hostel buildings for



students who have been exposed to the virus or are suspected to have it. A designated isolation facility is also available on campus, equipped with a nursing station that offers 24-hour monitoring. To diagnose COVID-19 positive cases, LUMS has Rapid Antigen Kits at the Health and Wellness Centre and has taken on board two pathology labs for COVID-19 PCR and other related tests.

# Admission Requirements

## Admission Criteria

### Local and International Applicants

Applicants will be assessed on the following criteria:

1. Academic Background
2. Performance in the Admission Test(s)
3. Completed and Submitted Application Form and Supporting Documents by the Stipulated Deadline
4. Application Review
5. Interview (if called)

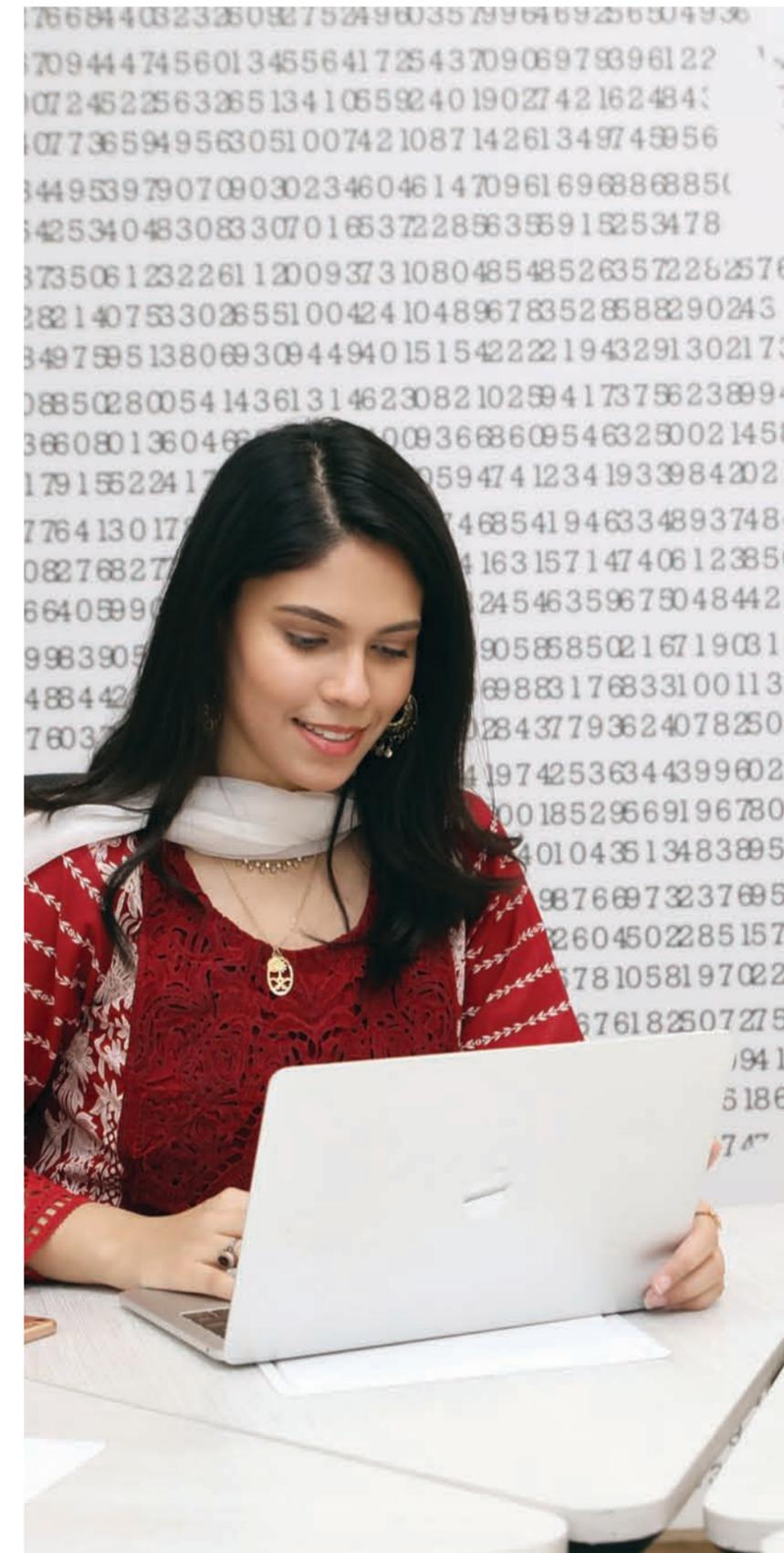
## Note

This is the minimum criteria that applicants need to fulfil to be eligible to apply. Fulfilment of this criterion does not guarantee admission to LUMS.

The University is committed to admitting bright students who have the potential to contribute to its learning environment as well as contribute in bringing change to their communities.

Consequently, LUMS considers academic achievements alongside other aspects of a candidate's application. Each successful applicant is made an offer for entry into a particular School at LUMS.

Applicants for each School are selected on the basis of the programme requirements of that particular School. Applicants should carefully choose the School(s) they apply to, and take into consideration their interests, motivations, academic strengths, and future career paths. Decisions on the admission of applicants are final.





## Academic Background

### For Complete Degree

Applicants who have successfully completed FA, ICS, ICOM, FSc, A Levels, High School Diploma or International Baccalaureate (IB) are eligible to apply for admission, if they fulfil one of the following academic qualifications:

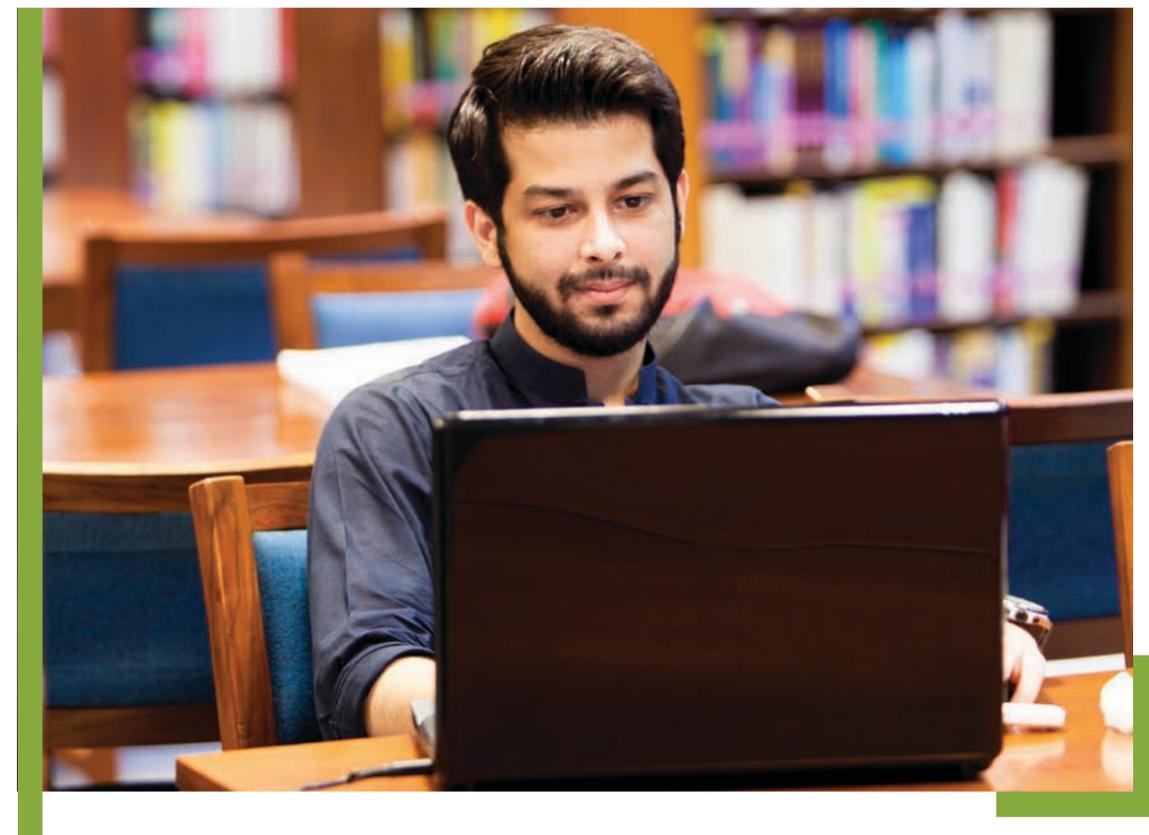
- Successful completion of Matric with 70% marks or above, FA with 65% marks or above or FSc/ICS/ICOM with 70% marks or above;
- O Levels results (in at least 8 subjects) with an average grade of at least 'B' in all subjects attempted and A Levels (in at least three (3) full credit A Levels subjects) with an average of 2 Bs and 1 C grade across the best three subjects. The three best subjects cannot include any Advanced Subsidiary subjects, the A Levels General Paper, or an A Levels grade less than an E;
- American High School Diploma (HSD) with 70% or above/Grade point average of B or above;
- International Baccalaureate Diploma Programme (IBDP) with at least 28 out of 45 points;

- International Baccalaureate Career-related Programme;
- Combination of the above;
- Any other equivalent qualification (minimum acceptable scores will be determined by the Admissions Committee)

Applicants who have registered or taken the exam of a minimum of three full credit A Levels subjects and do not meet the minimum grades requirement must improve their grades in order to be eligible for admission. A Levels exams are held in November and June. To be eligible for admission in 2022, applicants must improve their A Levels grades in November 2021. Such applicants planning to improve their grades by taking June 2022 exams are not eligible for the Fall 2022 session.

Applicants who have already completed their Intermediate level degree (FA/FSc/ICS/ICOM/High School Diploma/IB etc.) and do not meet the minimum marks/grades requirement must improve their marks/grades by October/November 2021 in order to be eligible for Fall 2022 session. Such applicants planning to improve their grades by taking June 2022 exams are not eligible for the Fall 2022 session.

- 1. Minimum subject requirement for O Levels vary regionally and can be checked at [ibcc.edu.pk/equivalence.php](http://ibcc.edu.pk/equivalence.php)**
- 2. For the SBASSE undergraduate admissions, full credit subjects for A Levels are Biology, Chemistry, Computing, Computer Science, Mathematics, Further Mathematics and Physics.**
- 3. Three (3) best A Levels full credit subjects will be considered for evaluation.**
- 4. Applicants who were unable to take their FA/FSc/ICS/ICOM (first year exams) are eligible to apply if they have successfully completed Matric with 70% or above marks.**



## For Incomplete Degree

Applicants who have not registered or taken the final exams of their FA, ICS, ICOM, FSc, A Levels (in at least 3 full credit A Levels subjects)/High School Diploma or International Baccalaureate (IB) before the submission of their applications for Fall 2022 and are expecting their final results by August 2022 are eligible to apply for admission if they fulfil one of the following academic qualifications:

- Successful completion of Matric with 70% marks or above, FA (Part I) with 65% marks or above, FSc (Part I)/ICS (Part I)/ICOM (Part I) with 70% marks or above;
- O Levels result (in at least 8 subjects) with an average grade of at least 'B' in all subjects attempted;
- American High School Diploma (HSD) (first year) with 70% or above/Grade point average of B or above;
- International Baccalaureate (IBDP) (first year) with at least 28 out of 45 points;
- Combination of the above;
- Any other equivalent qualification (minimum acceptable scores will be determined by the Admissions Committee).

If shortlisted for admission, applicants will be given a conditional offer and they will be required to successfully complete their degree before the commencement of Fall 2022 classes.

Note: Applicants who have been admitted to LUMS and subsequently require attestation of their undergraduate degree by the Higher Education Commission (HEC), Pakistan must meet the conditions stipulated by the HEC to get their undergraduate degree attested. For details, visit the HEC website at <https://www.hec.gov.pk/english/pages/home.aspx>.



## Performance in the Admission Test

### For SDSB/MGSHSS

Applicants applying to the Suleman Dawood School of Business (SDSB) and/or Mushtaq Ahmad Gurmani School of Humanities and Social Sciences (MGSHSS) are required to take one (1) of the following tests in order to be considered for Fall 2022 Admissions:

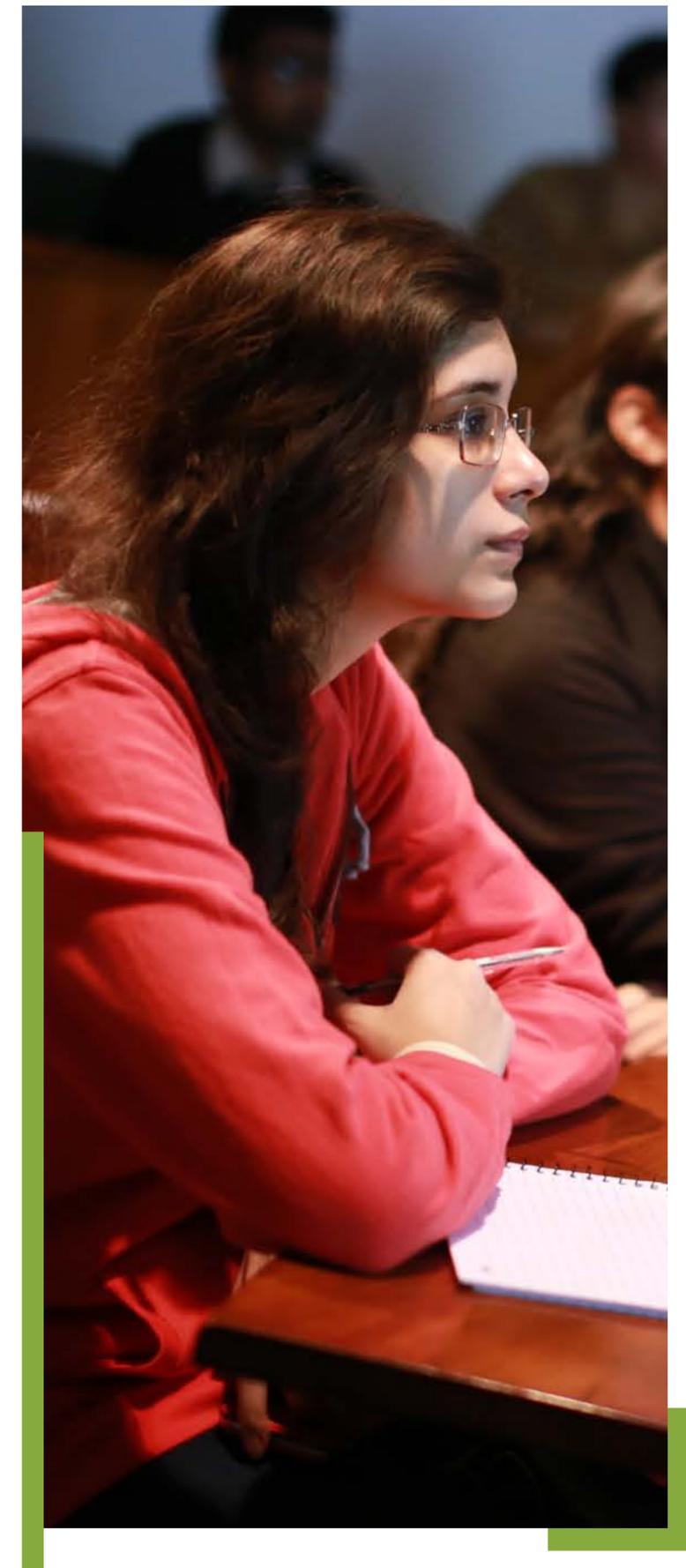
- SAT or
- ACT or
- LUMS Common Admission Test (LCAT)

### For SAHSOL

Applicants applying to the BA-LL.B programme at the Shaikh Ahmad Hassan School of Law (SAHSOL) are required to take the following two (2) Admission Tests in order to be considered for Fall 2022 admissions:

- SAT or
- ACT or
- LUMS Common Admission Test (LCAT); and
- Law Admission Test (LAT)

In addition to the SAT/ACT/LCAT, all applicants of BA-LL.B must take the Law Admission Test (LAT) administered by the HEC, Pakistan before May 30, 2022. LAT is a requirement set by the Honourable Supreme Court of Pakistan for admission to the BA-LL.B programme at LUMS.



## For SBASSE

Applicants applying to the Syed Babar Ali School of Science and Engineering (SBASSE) undergraduate programmes are required to take the following two (2) Admission Tests in order to be considered for Fall 2022 Admissions:

- SAT or
- ACT or
- LUMS Common Admission Test (LCAT)

&

- i. LUMS SBASSE Scientific Aptitude Test or
- ii. SAT Subject Test in at least 3 of the 4 SAT Subject tests listed below:

- Biology-M
- Chemistry
- Mathematics II-C
- Physics

The LUMS SBASSE Subject Test and LCAT for admission to the Fall 2022 session will be held only once at the designated cities of Pakistan.



## Submission of Completed Application and Supporting Documents

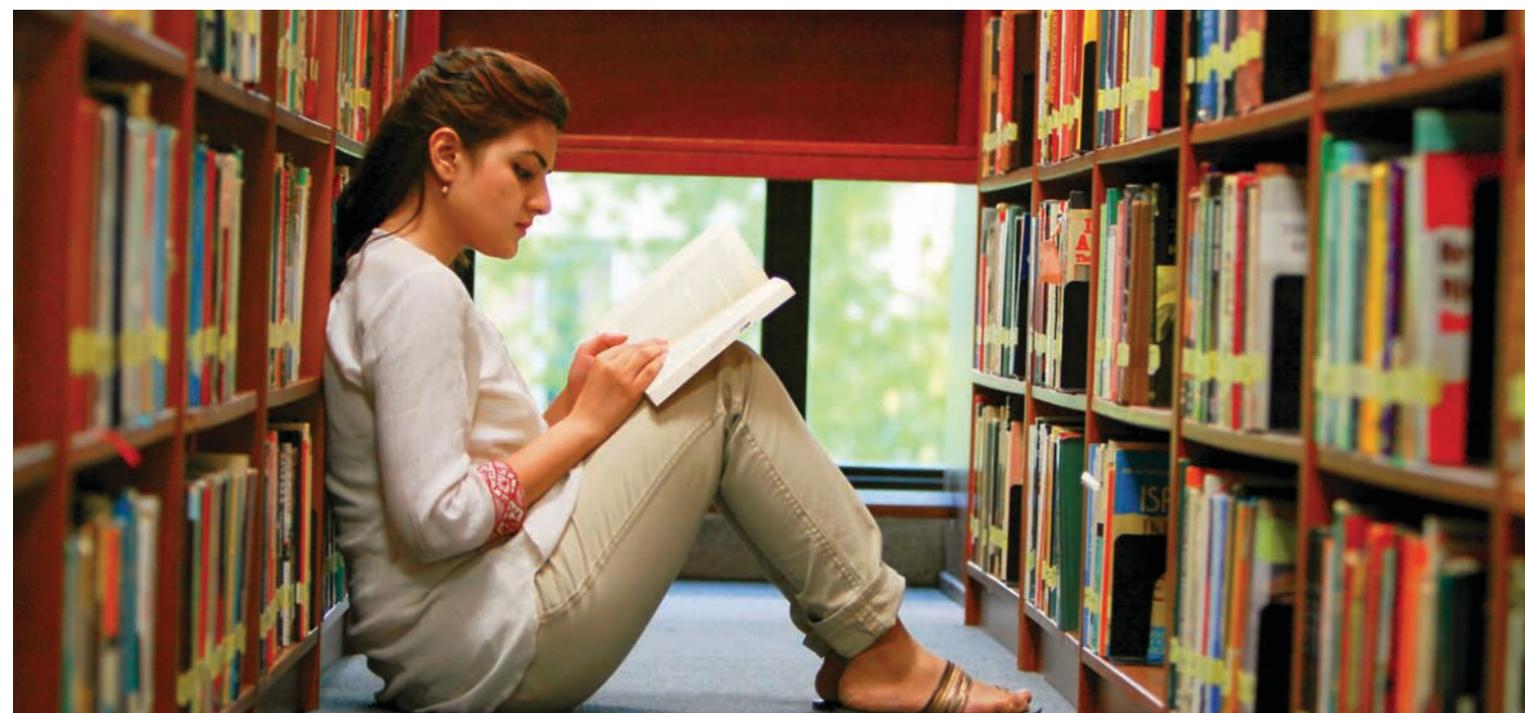
Complete online application form, application processing fee, and supporting documents should be submitted by the stipulated deadline.

### Application Review

Shortlisted applications will be reviewed by the relevant committee to finalise the admission decisions. Applicants are encouraged to provide complete information regarding their academic achievement, extracurricular activities and successes to substantiate their applications.

### Interview (If Called)

Only shortlisted candidates may be called for interviews.



### Note

The deadline to take SAT for the Fall 2022 Admissions is March 12, 2022. Applicants can register for SAT through [www.collegeboard.org](http://www.collegeboard.org). The deadline to take the ACT for the Fall 2022 Admissions is February 12, 2022. Applicants can register for ACT through <https://www.act.org>.

Applicants taking SAT on or before December 4, 2021, and not planning to retake it will be considered for the First Round Admissions.

Applicants planning to take SAT on March 12, 2022, will be considered for the Second Round Admissions.

Applicants taking ACT before December 11, 2021, and not planning to retake it will be considered for the First Round Admissions.

Applicants planning to take the ACT on February 12, 2022, will be considered for the Second Round Admissions.

LUMS Common Admission Test (LCAT) will be conducted ONLY ONCE for Fall 2022 Admissions due to the unavailability of Standardised Testing Service in the region. The test will be conducted on March 20, 2022.

Applicants taking the LUMS Common Admission Test (LCAT) will be considered for the Second Round Admissions.

# Financial Support

Admission to all programmes is purely on merit and independent of students' ability to pay the related tuition fees. Once a student has been admitted to a programme, there are several mechanisms in place to provide financial support based on need and merit. All awards are reassessed each academic year based on performance, need, available resources and prevailing University policies. LUMS is committed to providing as much financial assistance as possible within the limits of its available resources. Nevertheless, the University may not be able to meet all requests for financial assistance, and it is strongly recommended that applicants secure as much of their own funding as possible. Several merit and need-based scholarships are available for students who meet specific criteria.



# Local and International Scholarships

## 100 Merit Scholarships

for top-ranked applicants on admission evaluation ranking

## Need-Based Tuition Fee Waiver and LUMS Interest Free Loan

are offered to only local students with demonstrated financial need covering partial to full tuition fee expenses of the programme.

## National Outreach Programme Scholarship

provides full funding to local applicants including total tuition waiver and a stipend to meet university expenses.

## Fee Refund of 1 Attempt of SAT/ACT to admitted undergraduate students with high assessed financial need

## Shahid Hussain Foundation Scholarship

for applicants who are nationals of SAARC member countries (excluding Pakistani applicants).

For details, visit: <https://financial-aid.lums.edu.pk>



# DATES TO REMEMBER

Deadline to take SAT  
(First Round Admissions)  
**DECEMBER 04, 2021**

Deadline to take ACT  
(First Round Admissions)  
**DECEMBER 11, 2021**

Online Application Deadline  
**FEBRUARY 02, 2022**  
*05:00 PM (PKT)*

Deadline to submit supporting documents  
**FEBRUARY 04, 2022**

Deadline to take ACT  
(Second Round Admissions)  
**FEBRUARY 12, 2022**

Deadline to take SAT  
(Second Round Admissions)  
**MARCH 12, 2022**

LUMS Scientific Aptitude Test  
**MARCH 20, 2022**

LUMS Common Admission  
Test (LCAT)  
**MARCH 20, 2022**

Admission Decisions  
**APRIL 15, 2022**  
**TO**  
**JULY 30, 2022**

DHA, LAHORE CANTT. 54792, LAHORE, PAKISTAN  
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